

AN 1978-42505A [24] WPIX  
 TI Pharmaceutical compsn. containing self-emulsifying oil e.g. silicone - for  
 admin. as capsules, giving rapid gastrointestinal resorption  
 DC A96; B07  
 IN GROVES M J  
 PA (SCHB-C) SCHERER CORP R P  
 CYC 4  
 PI DE 2753526 A 19780608 (197824)\* DE <--  
 JP 53072814 A 19780628 (197831) JA  
 FR 2372635 A 19780804 (197836) FR  
 IT 1090703 B 19850626 (198634) IT  
 PRAI GB 1976-50577 19761203  
 IC IC A61K0047-00; A61K009-08  
 IPCR A61K0047-06 [I,A]; A61K0047-06 [I,C]; A61K0047-14 [I,A]; A61K0047-14  
 [I,C]; A61K0047-24 [I,A]; A61K0047-24 [I,C]; A61K0009-48 [I,A];  
 A61K0009-48 [I,C]  
 EPC A61K0009-48H4  
 AB DE 2753526 A UPAB: 20050417  
 Pharmaceutical compsn. contains a unit dose of the active ingredient (I)  
 and a self-emulsifying oil (II). Suitable (II) are steroids; antimycotics;  
 tranquilisers, sedatives; diuretics; anti-inflammatories; analgesics;  
 antibiotics and insulin; specifically dexamethasone, prednisolone,  
 griseofulvin, diazepam, chlorthalidone, furosemide, indomethacin,  
 lipophilic penicillins and bleomycin.  
 (I) and (II) are presented in solution or suspension, and (II) consists of  
 an oil (IIa), e.g. a silicone or triglyceride, and a surfactant (IIb), pref.  
 nonionic e.g. polyethoxylated alkylphenols.  
 For rectal, vaginal and especially oral administration; the compsns. can be  
 filled into capsules to give highly reproducible doses, and when ingested  
 have improved resorption from the gastro-intestinal tract.  
 MC CPI: A12-V01; B04-B01B; B04-B01C; B04-C03; B12-A02; B12-C08; B12-C10;  
 B12-D01; B12-D07; B12-G03; B12-G04; B12-M09; B12-M10  
 L1 ANSWER 2 OF 2 HCAPLUS COPYRIGHT 2009 ACS on STN  
 AN 1978:465260 HCAPLUS  
 DN 89:65260  
 OREF 89:10009a,10012a  
 ED Entered STN: 12 May 1984  
 TI Pharmaceutical preparation and administration form  
 IN Groves, Michael John  
 PA R. P. Scherer Ltd., UK  
 SO Ger. Offen., 22 pp.  
 CODEN: GWXXBX  
 DT Patent  
 LA German  
 IC A61K009-08  
 CC 63-5 (Pharmaceuticals)  
 FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE	
PI	DE 2753526	A1	19780608	DE 1977-2753526	19771201	<--
	AU 7731116	A	19790607	AU 1977-31116	19771201	
	JP 53072814	A	19780628	JP 1977-144921	19771202	
	FR 2372635	A1	19780630	FR 1977-36418	19771202	
PRAI	GB 1976-50577	A	19761203			

# CLASS

PATENT NO.	CLASS	PATENT FAMILY CLASSIFICATION CODES
DE 2753526	IC	A61K009-08
	IPCI	A61K0009-08 [ICM]
	IPCR	A61K0047-14 [I,C*]; A61K0047-14 [I,A]; A61K0009-48 [I,C*]; A61K0009-48 [I,A]; A61K0047-06 [I,C*]; A61K0047-06 [I,A]; A61K0047-24 [I,C*]; A61K0047-24 [I,A]
AU 7731116	IPCI	A61K0047-00 [ICM]

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IPCR      A61K0047-14 [I,C*]; A61K0047-14 [I,A]; A61K0009-48
          [I,C*]; A61K0009-48 [I,A]; A61K0047-06 [I,C*];
          A61K0047-06 [I,A]; A61K0047-24 [I,C*]; A61K0047-24
          [I,A]
JP 53072814  ECLA  A61K0009/48H4
          IPCI  A61K0009-00 [ICM]
          IPCR  A61K0047-14 [I,C*]; A61K0047-14 [I,A]; A61K0009-48
          [I,C*]; A61K0009-48 [I,A]; A61K0047-06 [I,C*];
          A61K0047-06 [I,A]; A61K0047-24 [I,C*]; A61K0047-24
          [I,A]
FR 2372635   IPCI  A61K0047-00 [ICM]
          IPCR  A61K0047-14 [I,C*]; A61K0047-14 [I,A]; A61K0009-48
          [I,C*]; A61K0009-48 [I,A]; A61K0047-06 [I,C*];
          A61K0047-06 [I,A]; A61K0047-24 [I,C*]; A61K0047-24
          [I,A]
AB  Capsules are prepared containing a drug solubilized by combination with a
      spontaneously emulsifying oil. The oils contain a nonionic, surfactant as
      emulsifier. Phase diagrams for the formation of emulsions by a number of
      ternary oil-surfactant are presented. For example, a formulation containing
      diazepam 3.03, Miglyol 812 [37332-31-3] 29.09, Brij 35 [9002-92-0]
      48.49, and Span 80 [1338-43-8] 19.39 weight percent emulsified rapidly and
      spontaneously in water and could be dispensed into soft gelatin capsules.
ST  solubilization drug oil emulsifier
IT  Emulsions
      (of oils, pharmaceutical solubilization in relation to)
IT  Solubilization
      (of pharmaceuticals, by spontaneously emulsifying oil)
IT  Pharmaceuticals
      (solubilization of, by spontaneously emulsifying oil)
IT  Glycerides
      RL: BIOL (Biological study)
          (C8-12, pharmaceutical solubilization by spontaneously emulsifying
          formulation of)
IT  1338-43-8 9002-92-0
      RL: BIOL (Biological study)
          (pharmaceutical solubilization by spontaneously emulsifying oil
          formulation containing)

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